

## ABSTRACT

The present invention provides ethylene polymers capable of preparing various molded articles such as films, sheets or the like, and having excellent moldability, particularly  
5 excellent high-speed moldability.

The ethylene polymers of the present invention have a density and molecular weight distribution in specific ranges.

The first ethylene polymer is characterized by having (C) a ratio ( $MFR_{10}/MFR_2$ ) of a melt flow rate ( $MFR_{10}$ ) at 190°C  
10 under a load of 10 Kg to a melt flow rate ( $MFR_2$ ) at 190°C under a load of 2.16 Kg of from 16.2 to 50. The second ethylene polymer is characterized by having (C) a ratio ( $MFR_{10}/MFR_2$ ) from 12 to 50. The third ethylene polymer is characterized by having (D) a relation of  $\omega_2 / \omega_1 \geq 18$  where  $\omega_1$  and  $\omega_2$  denote  
15 angular velocity (rad/sec) when complex elastic modulus  $G^*$  (dyne/cm<sup>2</sup>) at 200°C is  $5.0 \times 10^5$  dyne/cm<sup>2</sup> and  $2.0 \times 10^6$  dyne/cm<sup>2</sup>, respectively, which are determined by measurement of the angular velocity dependence of the complex elastic modulus of the copolymer.

10066599.020602